

THE NEW JERSEY
DEPARTMENT OF TRANSPORTATION

What it is ...



... What it does

Organization and Functions

The Department of Transportation was established effective July 1, 1966, by an act of the Legislature on December 12, 1966. Thus, New Jersey was the first State in continental United States to adopt the concept of an integrated approach to all transportation problems.

Under the Transportation Act of 1966, the newly created Transportation Department absorbed the functions of the State Highway Department and received the Bureau of Aeronautics from the Department of Conservation and Economic Development.

The law provides for a Commissioner of Transportation to head the Department, to be appointed by the Governor with the advice and consent of the Senate. In brief, the act directs the Commissioner to assume the following responsibilities:

- 1 - Develop and maintain a comprehensive master plan for transportation development.
- 2 - Develop and promote programs to foster efficient and economical public transportation services in the State.
- 3 - Prepare plans for the preservation and improvement of the commuter railroad system.
- 4 - Develop plans for more efficient public transportation service by motor-bus operators and facilitate more effective coordination between bus service and other forms of public transportation, particularly the commuter railroads.

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- 5 - Cooperate with interstate commissions and authorities, State agencies, appropriate Federal agencies and interested private individuals and organizations in the coordination of plans and policies for the development of air commerce and facilities.
- 6 - Coordinate the transportation activities of the Department with those of other public agencies and authorities.

The Commissioner is empowered to appoint principal subordinates to assist him in carrying out his duties: a Deputy Commissioner who directs the Department's overall operations; an Assistant Commissioner for Highways; and an Assistant Commissioner for Public Transportation.

The Department is organized into four major areas, based on the function which must be performed: Transportation Planning and Research; Engineering and Operations; Fiscal Management; and Employee and Management Services.

Some of the responsibilities of Planning and Research are: scientific research and evaluation necessary for planning of new or improved transportation facilities; accumulation of data and operation of a computer resource center; production of the official State map; preparation of environmental analyses and project location studies.

The Director of Engineering and Operations has many divisions and bureaus under his supervision for the design and construction of all transportation projects, and maintenance of the State highway system. To efficiently perform this function, many regional construction, maintenance and right-of-way offices are located throughout the State. Engineering and Operations acts as liaisons between the Federal government and local municipalities in the administration of various Federal aid programs for highways.

Fiscal Management administers the financial records and fiscal controls of the Department in accordance with regulations and sound financial management principles.

Employee and Management Services includes personnel services, purchasing, management of the Department's physical plant and operation of a Data Processing Center which serves the Department of Transportation, and several other State Departments as well.

A major policy-making body in the Department is the Commuter Operating Agency which is comprised of four members: The Commissioner of Transportation; the Assistant Commissioner for Public Transportation; the State Treasurer; and the President of the State Board of Public Utility Commissioners, or persons designated by them. The agency has the authority to contract with rail and bus carriers to conserve and improve necessary commuter services and to contract for improvement of capital facilities essential to those services.

A new operations unit in the Department is the Division of Commuter

Services, responsible for developing plans and implementing capital improvements for the suburban rail and bus system. The Division negotiates agreements with private carriers to maintain essential services, and to encourage increased use of mass transit. The Division includes the Bureaus of Program Development, Rail Operations, Analysis and Marketing, and Bus Operations.

The Transportation Act of 1966 also authorized establishment of a Commuter Advisory Committee consisting of the Assistant Commissioner for Public Transportation as chairman and ten other members appointed by the Governor. They are two citizens of the State who are commuters, two mayors of municipalities or two freeholders of counties served by railroads under contract to the State, two officials of unions representing employees of railroads under contract to the State, two officials of railroads or motorbus carriers under contract to the State, and two public members who are citizens of the State. The Committee's duties are to consult with and advise the Commissioner on problems of commuter railroads and to conduct such studies of specific commuter matters as he may direct.

The Department has varied responsibilities in the development of the State transportation system. These involve such processes and operations as planning and research, commuter services, economic and environmental analysis, design, right-of-way acquisition, quality control, construction, maintenance, traffic safety, local government aid, and aeronautics activities. Following are the principal functions in carrying out the transportation program:

Planning and Research

Statistics and data are constantly gathered and analyzed to guide the inter and intra-modal planning for new transportation facilities and expansion and improvement of existing facilities. Planning personnel also develop and update a transportation master plan for the Department and compile coordinated construction programs.

Community Involvement

In order to increase the involvement of the public in planning and developing transportation projects, an Office of Community Involvement has been established. The Office seeks to stimulate and facilitate more informed participation by the public in transportation programs.

Commuter Services

The Department had subsidized the operations of commuter rail lines in the State to insure the continuation of essential passenger services. From 1961 to 1974, the total annual payments appropriated by the Legislature for this purpose amounted to more than \$146 million. In addition, the Department has spent more than \$51.4 million to purchase new or improved equipment for various railroad companies as part of a capital improvement program.

Since 1969, financial assistance for bus operations has totaled \$9.7 million. In 1974, 23 companies received this aid, including

Transport of New Jersey, the State's largest bus operator. As part of its capital improvement program for the bus industry, the Department spent \$1 million on an experimental project, the first of its kind, to purchase 29 air-conditioned buses of various sizes and seating capacities in 1973.

Another public transit service offered by the Department, the Senior Citizen Half-Fare Bus Program, began in 1973. This program, enabling persons 62 years of age or older to ride at half-fare on buses and jitneys during off-peak hours on regular routes within the State, received a \$6.1 million subsidy for its first year of operation.

Economic and Environmental Analysis

Comprehensive studies in regard to economic, environmental, and social factors are developed for all new transportation facilities. During this process, there is coordination with interested local officials.

Design

Design engineers supervise or review all final construction drawings. They provide comprehensive subsurface data for all work, design the drainage systems and waterway openings, and plan the relocation of utilities. Design personnel also process plans, specifications, and estimates for construction contracts.

Right-of-Way Acquisition

Right-of-Way activities include supervising property appraisals, establishing fair market values, title searches, title closings, and negotiating sale agreements for properties required for highways and public transportation facilities. The Right-of-Way Division also seeks replacement housing for persons or businesses displaced, and provides aid for moving costs. It sells buildings acquired with land bought for right-of-way, as well as land declared surplus, and rents many properties.

Quality Control

Strict quality controls are exercised over all materials delivered directly to the Department or to construction and maintenance sites. Department personnel check many materials at the source through inspections they make at plants of suppliers. Rigid tests are performed in the Department's laboratory on all construction and maintenance materials. Field inspections and testings are made of bituminous and portland cement concrete and aggregates.

Construction

The construction function involves the administration of construction and improvement programs which have escalated in recent years. In addition to new highway construction, existing highways are improved through widening, dualization, resurfacing, and the installation of overpasses, jughandles, center barriers, and creeper lanes. Also, railroad station facilities are built new or improved.

Maintenance

The maintenance function is to keep the State Highway System as serviceable as possible. This involves continual inspection and repair of highways and bridges; keeping drainage systems functioning properly; clearing pavements of snow and ice; removing litter, mowing grass, and keeping landscaped areas tidy; installing delineators, reflectors, and signs; and periodically painting pavement lines.

Safety of Travel

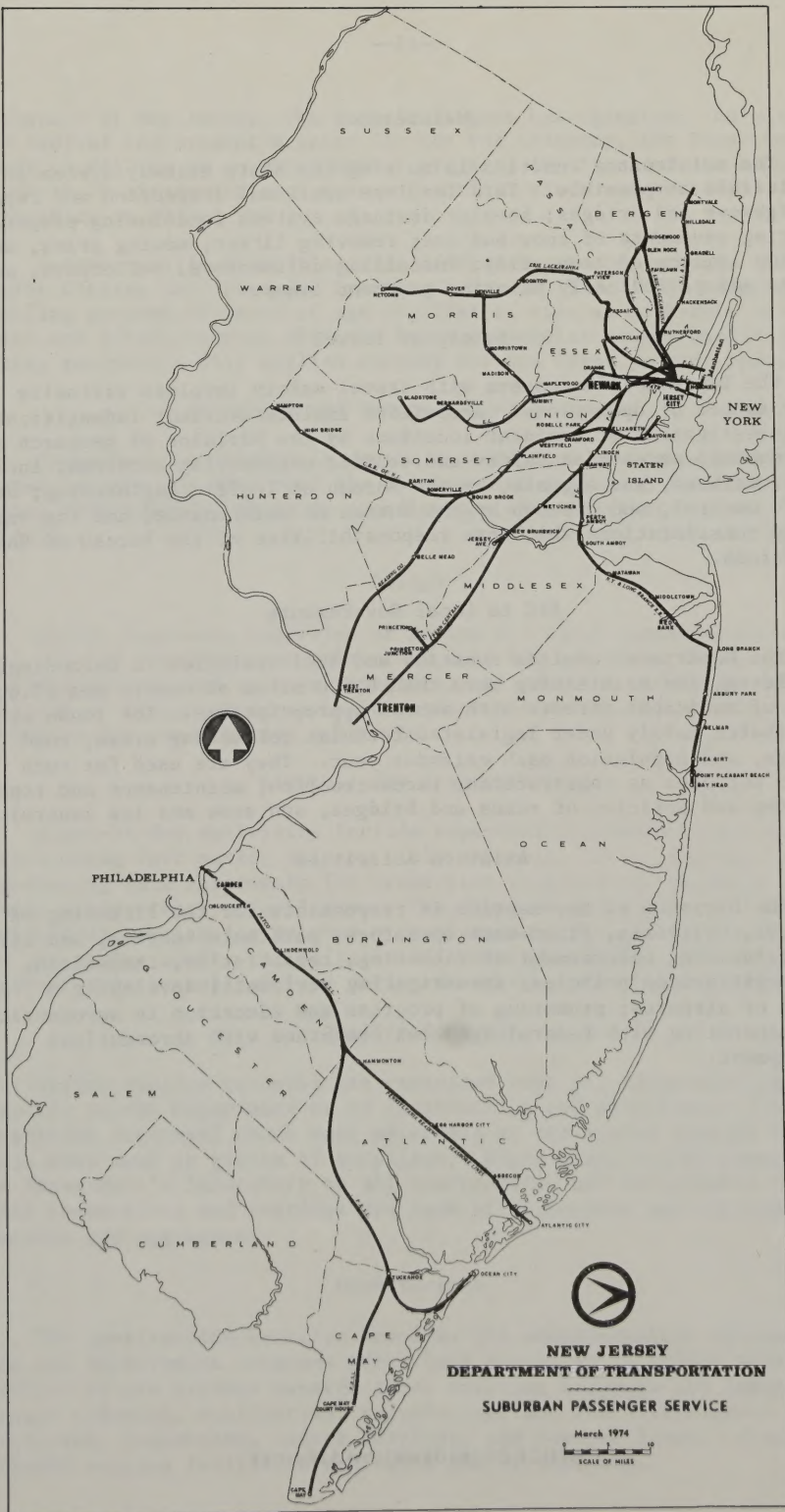
The Department's concern with travel safety involves virtually every aspect of operations. Activities include accident identification and investigation of accident locations by the Division of Research and Development; pedestrian safety and traffic engineering services, including signs, markers, and signals, by the Bureau of Traffic Engineering; debris, hazard control, and cleanup by the Bureau of Maintenance; and the various safety considerations which are responsibilities of the Bureau of Safety Operations.

Aid to Local Governments

The Department assists counties and municipalities in extending, rebuilding, and maintaining more than 6,600 miles of county and 22,600 miles of municipal streets with annual appropriations. The funds are distributed mainly under legislated formulas reflecting areas, road mileage, and population each calendar year. They are used for such varied purposes as construction, reconstruction, maintenance and repair, lighting and policing of roads and bridges, and snow and ice control.

Aviation Activities

The Division of Aeronautics is responsible for the licensing of airports, heliports, fixed-base operators, parachute centers, and air meets; insuring enforcement of licensing, registration, inspection, and investigation policies; investigating accidents; developing a system of airports; promoting of progress and education in aeronautics; and cooperating with Federal agencies concerned with aeronautical development.



NEW JERSEY DEPARTMENT OF TRANSPORTATION

OPERATING BUDGET AND STAFF

BUDGET (MILLIONS)

	<u>Fiscal Year 1974</u>	<u>Fiscal Year 1973</u>
General Administration	\$ 5.9	\$ 5.5
Traffic Engineering	6.5	6.6
Maintenance & Equipment	32.5	30.6
Interest on Bonds	22.7	18.8
Public Transportation	<u>34.6</u>	<u>17.8</u>
TOTAL	<u>\$102.2</u>	<u>\$ 79.3</u>

POSITIONS

	<u>Budgeted Fiscal 1974</u>	<u>Budgeted Fiscal 1973</u>
Commissioner's Office	18	22
Legal Services	26	26
Aviation	15	15
Transportation Planning & Research	257	265
Commuter Services	30	31
Design	588	602
Construction & Maintenance	2,806	2,818
Transportation Operations & Local Aid	645	632
Right of Way	389	448
Employee & Management Services	355	353
Fiscal Management	131	132
Information Services	<u>21</u>	<u>21</u>
TOTAL	<u>5,281</u>	<u>5,365</u>

As of June 13, 1974, the Department had
a total of 5,388 employees on its payroll
in budgeted and temporary positions.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

STATE AID FOR HIGHWAYS

Appropriated by Legislated Formula

	Calendar Years	
	<u>To Counties</u>	<u>1973</u> <u>1972</u>
On \$55,000 per County Basis	\$ 1,155,000	\$1,155,000
On Road Mileage & Population Basis	2,000,000	2,000,000
On Areas, Road Mileage & Population Basis	6,000,000	6,000,000
 <u>To Municipalities</u>		
On \$100,000 per County Basis	2,100,000	2,100,000
On Road Mileage & Population Basis -- Modified	4,500,000	4,500,000
 <u>To Counties and Municipalities</u>		
To Restore Roads Affected by Construction Equipment . . .	200,000	200,000
State-Aid Road System	8,500,000	---
Total Aid to Counties & Municipalities	\$24,455,000	\$15,955,000

Reimbursed Lighting

<u>Counties</u>		<u>Units</u>		<u>Annual Agreement Costs</u>	
<u>1973</u>	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>	<u>1972</u>
21	21	1,614	1,663	\$ 57,203	\$ 55,251
 <u>Municipalities</u>					
<u>1973</u>	<u>1972</u>				
317	314	11,059	11,138	\$462,799	\$430,192

NEW JERSEY DEPARTMENT OF TRANSPORTATION

HIGHWAY MILEAGE BY SYSTEMS

As of January 1, 1974

STATE HIGHWAYS

<u>COUNTIES</u>	<u>LEGIS- LATED*</u>	<u>OPER- ATING</u>	<u>COUNTY ROADS</u>	<u>MUNICIPAL ROADS</u>	<u>N.J. TPK.</u>	<u>GARDEN STATE PKWY.</u>	<u>ATL. CITY EXPWY.</u>	<u>OTHER ROADS & TOLL</u>	<u>MILEAGE OPERATING, COUNTIES</u>
ATLANTIC	226	146	364	1,233	--	20	29	5	1,797
BERGEN	175	101	450	2,166	2	14	--	13	2,746
BURLINGTON	222	152	496	1,453	30	6	--	1	2,138
CAMDEN	130	100	385	1,238	9	--	14	3	1,749
CAPE MAY	121	78	187	542	--	24	--	7	838
CUMBERLAND	79	84	548	654	--	--	--	--	1,286
ESSEX	115	55	211	1,272	6	10	--	--	1,554
GLOUCESTER	174	132	405	683	17	--	1	--	1,238
HUDSON	65	27	119	431	14	--	--	4	595
HUNTERDON	110	109	253	781	--	--	--	--	1,143
MERCER	159	86	172	885	12	--	--	1	1,156
MIDDLESEX	205	133	316	1,546	27	8	--	1	2,031
MONMOUTH	260	170	397	1,951	--	29	--	--	2,547
MORRIS	202	140	296	1,577	--	--	--	--	2,013
OCEAN	229	131	630	1,343	--	36	--	--	2,140
PASSAIC	66	49	236	901	--	7	--	--	1,193
SALEM	97	82	354	403	8	--	--	1	848
SOMERSET	107	111	231	897	--	--	--	--	1,239
SUSSEX	118	106	297	946	--	--	--	1	1,350
UNION	102	58	157	1,128	7	2	--	1	1,353
WARREN	<u>88</u>	<u>102</u>	<u>260</u>	<u>614</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>3</u>	<u>979</u>
TOTALS	3,050*	2,152	6,764	22,644	132	156	44	41	31,933

TOTAL STATE-FOREST, PARK & INSTITUTIONAL ROADS MAINTAINED..... 486
 GRAND TOTAL MILEAGE OPERATING, SYSTEMS.....32,419

*Estimated

TYPES OF OPERATING STATE HIGHWAYS

As of January 1, 1974

	<u>Miles</u>
Low-Type Bituminous Surface.....	3
Concrete, Brick or Block Surface.....	1,265
High-Type Bituminous Surface.....	884
TOTAL.....	2,152
Undivided.....	1,252
Divided.....	556
(With center-barrier curb: 191 miles)	344
Access-Controlled.....	
TOTAL.....	2,152

INTERSTATE ROUTES DESCRIPTION

	<u>Miles</u>
76 Walt Whitman Bridge to Rt. 676, south of Camden.....	2.8
78 Phillipsburg area to Holland Tunnel.....	66.2
80 Delaware Water Gap Bridge to Rt. 95, Teaneck.....	68.1
95 Scudder Falls Bridge to George Washington Bridge.....	74.2
195 Rt. 295, Hamilton Twp., to Rts. 34-38, Wall Twp.....	34.3
278 Rts. 1&9, Linden, to Goethals Bridge.....	2.0
280 Rt. 80, Parsippany-Troy Hills Twp., to Rt. 95, Kearny.....	18.1
287 Rt. 95, S. Plainfield Twp., to Mahwah.....	63.1
295 Delaware Memorial Bridge to Rt. 95, Trenton area.....	72.1
495 Rt. 95 (N.J. Tpk.), Secaucus, to Weehawken.....	3.6
676 Benjamin Franklin Bridge to Rt. 295, Bellmawr.....	4.6
695 Rt. 95, Franklin Twp., to Rt. 287, S. Bound Brook.....	3.4
895 Burlington City area to Rt. 295, Westampton Twp.....	4.3
TOTAL	416.8

INTERSTATE HIGHWAY SYSTEM STATUS

As of January 1, 1974

	<u>Miles</u>
Open to Traffic.....	291.9
Under Construction.....	36.2
Engineering.....	88.7
TOTAL	416.8

GENERAL STATISTICS

As of January 1, 1974

	<u>Quantity</u>
Traffic Signal Installations Maintained.....	1,598
Signs in Place.....approx..	169,600
Drawbridges Maintained and Operated.....	38
Fixed Bridges Maintained.....	2,866
Mobile Radio Units Maintained.....	599
Base Radio Stations Maintained and Operated.....	11
State-Owned Lighting Units Maintained and Operated.....	16,060
Utility-Owned Lighting Units Operated.....	12,970

NEW JERSEY DEPARTMENT OF TRANSPORTATION

ASSISTANCE FOR
SUBURBAN PASSENGER RAILROADS

As of December 31, 1973

Route Miles: 467

Railroad Stations: 186

Average Weekday Passenger Trips: 170,145

<u>Railroads</u>	<u>Equipment Acquired</u>		<u>Operating Assistance</u>		
	<u>Cars</u>	<u>Locomotives</u>	<u>Contract Amt.</u>	<u>Contract Amt.</u>	
	<u>New</u>	<u>Renewed</u>	<u>New</u>		
			<u>Fiscal 1974</u>	<u>Fiscal 1961-73</u>	
Penn Central	34	68	—	\$ 7,300,000	\$ 9,899,242
Erie Lackawanna	155	26	32	9,212,000	53,949,260
Central Railroad	--	122	13	7,917,591	48,805,875
Penn-Reading S.L.--		<u>10</u>	<u>--</u>	<u>697,433</u>	<u>3,169,231</u>
TOTALS	189	226	45	\$25,127,024	\$115,823,608

NEW JERSEY DEPARTMENT OF TRANSPORTATION

RAIL PARK & RIDE FACILITIES

1 ACTIVE

- 1- METROPARK
- 2- JERSEY AVE. NEW BRUNSWICK
- 3- MOUNTAIN VIEW
- 4- RIDGELE PARK
- 5- LINDOLIN PARK
- 6- TOMACO
- 7- LITTLE SILVER
- 8- PRINCETON JUNCTION
- 9- METUCHEN
- 10- MIDDLETOWN
- 11- LINDENWOLD
- 12- ASHLAND
- 13- MADISONFIELD
- 14- WESTMONT
- 15- COLLINGSWOOD
- 16- FERRY AVENUE GARDEN

2 UNDER CONSTRUCTION

- 1- MAPLE WOOD

3 PLANNED

- 1- LITTLETON
- 2- NORTH HACKENSACK
- 3- NETCONG
- 4- NEWARK AIRPORT
- 5- EATONTOWN
- 6- MANASQUAN
- 7- COLLINGSWOOD PARK
- 8- GLADSTONE
- 9- HATSWAN
- 10- WOODCREST-PATTO
- 11- RED BANK
- 12- WEST WOOD

4 PROPOSED

- 1- WENONAH
- 2- BERLIN
- 3- CANNON
- 4- WHITEHOUSE
- 5- ANNANDALE
- 6- CORNELL HEIGHTS
- 7- MORRISTOWN
- 8- MONTGOMERY TWP
- 9- BRICK CHURCH
- 10- EWING TOWNSHIP
- 11- KEARNEY
- 12- BOUND BROOK
- 13- BASKING RIDGE
- 14- WALDWICK
- 15- DENVILLE
- 16- BOONTON
- 17- RUTHERFORD
- 18- CLIFTON
- 19- LITTLE FALLS
- 20- LEONIA
- 21- DELANNA



SUBURBAN PASSENGER SERVICE

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FINANCIAL ASSISTANCE FOR
BUS OPERATIONS

<u>Bus Companies</u>	<u>Fiscal 1974*</u>	<u>Contract Amounts</u>	
		<u>Fiscal 1973</u>	<u>Fiscal 1972</u>
Amboy Coach, Inc. (FY 74 included in Marathon Bus Line)	\$ -----	\$ 39,660	\$ -----
Asbury Park-N. Y. Transit Corp.	150,000	90,000	-----
Associated Bus Company	125,000	79,000	51,710
Atlantic City Transportation Co.	572,000	357,500	312,205
Albert F. Bauer	32,354	-----	-----
Boro Busses Company	266,640	176,000	150,000
Coast Cities Coaches	224,078	180,000	144,000
Community Bus Lines, Inc.	190,000	154,000	129,000
Garden State Coachways	85,885	27,600	-----
Garfield-Passaic Bus Co. (FY 74- Six Months Only-7/1/73 to 12/31/73)	50,000	37,000	32,000
Garfield-Passaic Transit Corp.	135,100	88,781	68,000
The Hudson Bus Transportation Co.	78,620	-----	-----
Inter City Lines	-----	-----	330,000
Jersey Bus, Inc.	140,000	120,000	48,000
Marathon Bus Line & Amboy Coach	182,000	68,000	50,000
Mercer (Metro) County Impvt. Authority	150,000	100,000	100,000
N.Y.-Keansburg-Long Branch Bus Co.	99,364	-----	-----
Passaic Athenia Bus Co., Inc.	108,346	75,000	20,200
Plainfield Transit	58,891	36,568	30,776
Rockland Coaches, Inc.	40,000	6,000	-----
Somerset Bus Co.	300,000	46,115	-----
Trackless Transit, Inc. & Mtn. Coaches	221,718	139,750	55,000
TNJ, Bergen Cross County	125,000	94,000	92,660
TNJ, Bergen County Lines (B-1, B-3, B-4, B-72 & B-6 Added FY 74)	236,000	100,000	-----
TNJ, Newark City Subway	239,220	176,000	160,000
TNJ/PATCO Feeder Bus System	3,000,000	2,000,000	-----
Watchung Mountain Transit	68,021	67,250	48,000
 TOTALS	 \$6,878,237*	 \$4,258,224	 \$1,821,551

*Subject to audit - Includes County Participation

NEW JERSEY DEPARTMENT OF TRANSPORTATION

BUS PARK & RIDE FACILITIES

1 ACTIVE

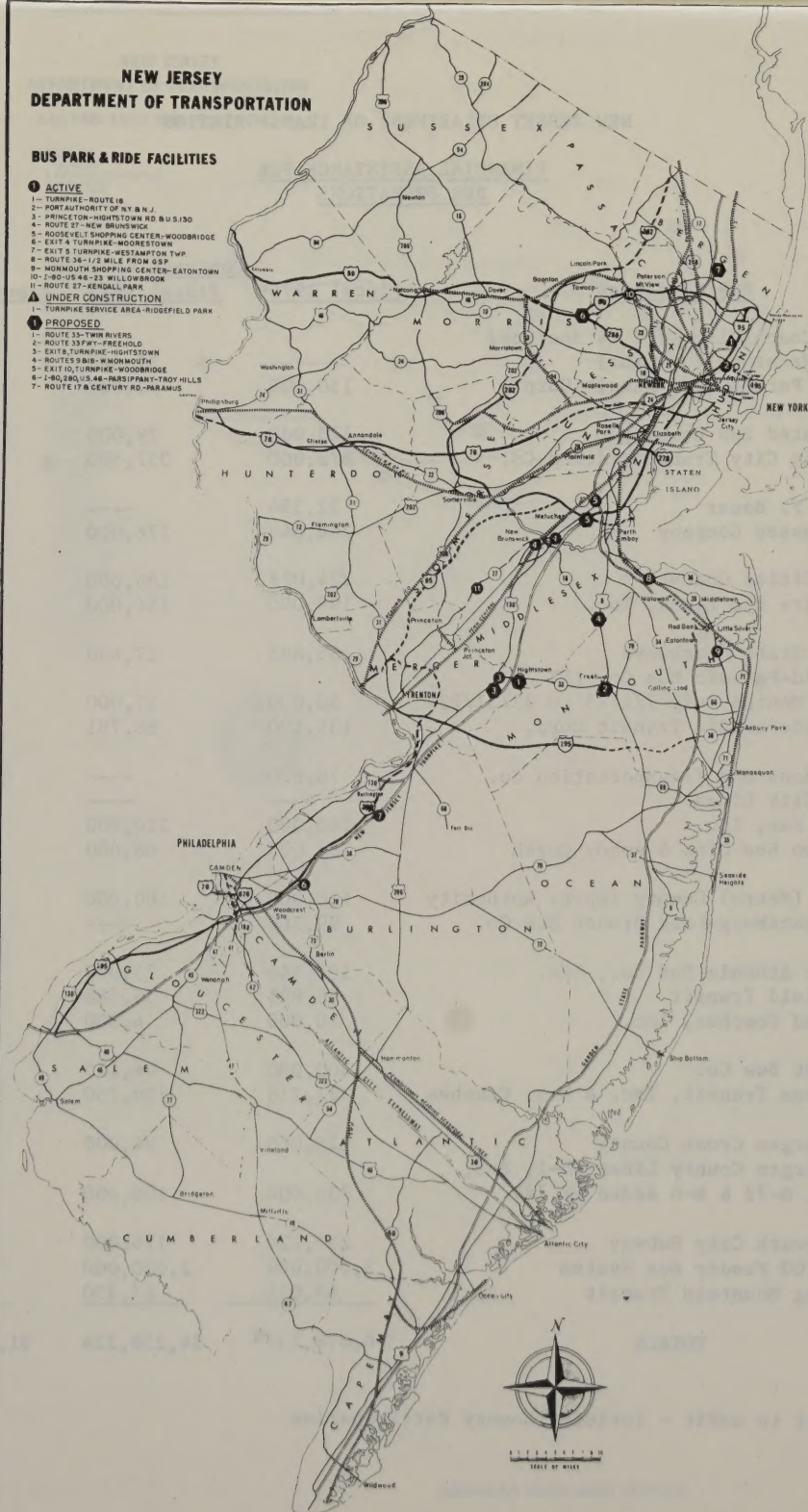
- 1- TURNPIKE - ROUTE 18
- 2- PORT AUTHORITY OF NY & N.J.
- 3- PRINCETON-HIGHTSTOWN RD. & U.S. 130
- 4- ROUTE 27 - NEW BRUNSWICK
- 5- ROOSEVELT SHOPPING CENTER-WOODBRIDGE
- 6- EXIT 4 TURNPIKE-MORRISTOWN
- 7- EXIT 5 TURNPIKE-WESTAMPTON TWP.
- 8- ROUTE 38-1/2 MILE FROM GSP
- 9- HONMOUTH SHOPPING CENTER-EATONTOWN
- 10- 280-US 46-23 WILLOWBROOK
- 11- ROUTE 27-KENDALL PARK

2 UNDER CONSTRUCTION

- 1- TURNPIKE SERVICE AREA-RIDGEFIELD PARK

3 PROPOSED

- 1- ROUTE 35-TWIN RIVERS
- 2- ROUTE 33FWY-FREEHOLD
- 3- EXIT 8 TURNPIKE-HIGHTSTOWN
- 4- ROUTE 5 BUS-WHOMMOUTH
- 5- EXIT 10 TURNPIKE-WOODBRIDGE
- 6- I-80 & I-95-46-MISSIPPAHY-ROY HILLS
- 7- ROUTE 17 & CENTURY RD-PARAMUS



NEW JERSEY DEPARTMENT OF TRANSPORTATION

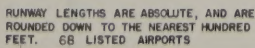
AVIATION FACTS

Fiscal 1974

Aircraft Registered in New Jersey.....	3,200
Residents with Federal Pilot Certificates.....	20,000
Airports Licensed by State.....	152
Private Use Airports.....	69
Public Use Airports.....	83
Publicly owned	13
Privately owned	57
Privately owned, restricted use	13
Heliports and Helistops.....	285
Public Use	11
Private Use	274
Aircraft Dealers Registered in New Jersey.....	50
Licensed Fixed Base Operators.....	157

Types of Operation

Air Instruction Schools.....	63
Aircraft Maintenance and Repair Shops.....	69
Flying Clubs.....	38
Dusting, Spraying and Seeding.....	13
Banner Towing & Electrical Sign (Aerial Advertising).....	14
Air Taxi.....	9
Sport Parachuting Centers.....	2
Air Charter/Commuter.....	1
Federal Aid to Airports (3) in Fiscal 1974.....	\$5.8 million



MARCH 1974